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5678	Attorneys for Plaintiff CENTRAL VALLEY EDEN ENVIRONMENTAL DEFENDERS			
9 10 11	UNITED STATES DISTRICT COURT EASTERN DISTRICT OF CALIFORNIA			
12	CENTRAL VALLEY EDEN ENVIRONMENTAL DEFENDERS, LLC, a California limited liability company, Plaintiff, vs. CASTLE & KING ROCK & READY MIX, a California corporation; and DOES 1-10, inclusive, Defendant.	Case No.: COMPLAINT FOR INJUNCTIVE AND DECLARATORY RELIEF, CIVIL PENALTIES AND REMEDIATION (Federal Water Pollution Control Act, 33 U.S.C. §§1251 et seq.)		
221	Plaintiff CENTRAL VALLEY EDEN ENVIRONMENTAL DEFENDERS, LLC ("EDEN") hereby brings this civil action pursuant to the Federal Water Pollution Control Act also known as the Clean Water Act ("CWA"), 33 U.S.C. §§ 1251 et seq. INTRODUCTION			

- 1. This action is a citizen suit for injunctive relief, declaratory relief, civil penalties, and remediation against Defendant Castle & King Rock & Readymix for current and ongoing violations of the National Pollutant Discharge Elimination System ("NPDES") permit requirements of the CWA.
- 2. On or about August 23, 2023, EDEN provided a Notice of Defendant's violations of the CWA to the (1) Administrator of the United States Environmental Protection Agency ("EPA"), (2) EPA's Regional Administrator for Region Nine, (3) Executive Director of the State Water Resources Control Board ("State Board") and (4) to Defendant, including a copy delivered to the facility Manager of Defendant Castle & King Rock & Ready Mix, by certified mail, at 105 Aegean Way, Vacaville, California ("the Facility"), as required by the CWA. 33 U.S.C. § 1365(b)(1)(A).
- 3. A copy of EDEN's Notice of Intent to Sue ("Notice") is attached hereto as **Exhibit A** and is incorporated herein by reference.
- 4. More than sixty days have passed since EDEN's Notice was properly and lawfully served on Defendant, the State Board, and the Regional and National EPA Administrators. EDEN is informed and believes, and thereupon alleges, that neither the National EPA, nor the State of California has commenced or is diligently prosecuting a court action to redress the violations alleged in this complaint. This action's claim for civil penalties is not barred by any prior administrative penalty under section 309(g) of the CWA, 33 U.S.C. § 1319(g).

JURISDICTION, VENUE AND INTRADISTRICT ASSIGNMENT

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- 5. This Court has subject matter jurisdiction over this action pursuant to 28 U.S.C. section 1331 (federal question), and 33 U.S.C. section 1365(a) (CWA citizen suit jurisdiction). The relief requested is authorized pursuant to 28 U.S.C. sections 2201-2202 (declaratory relief), 33 U.S.C. sections 1319(b), 1365(a) (injunctive relief), and 33 U.S.C. sections 1319(d), 1365(a) (civil penalties).
- 6. The Permit under which this case arises is a Federally required permit based upon California state substantive law. (Southern California Alliance of Publicly Owned Treatment Works v. U.S. Environmental Protection Agency (9th Cir. 2017), 853 F.3d 1076; Dept. of Finance v. Commission on State Mandates, 1 Cal.5th 749 (2016))
- 7. By its express language, a violation of the State permit constitutes a per se violation of the Federal Clean Water Act. (California's Industrial General Permit Order 2014-0057 DWQ, NPDES Order No. CAS000001, Section XXI.A)
- 8. Venue is proper because Defendant resides in and the events or omissions giving rise to EDEN's claims occurred in this District. 28 U.S.C. §1391(b)(1), (2). Venue is also proper because the facility's CWA violations have occurred and are occurring within the District. 33 U.S.C. § 1365(c)(1).

PARTIES

- 9. Plaintiff CENTRAL VALLEY EDEN ENVIRONMENTAL DEFENDERS, LLC ("EDEN") is an environmental membership group organized under the laws of the State of California.
- 10. EDEN's organizational purpose is the protection, preservation and enhancement of the rivers, creeks, streams, lakes and oceans (and their tributaries) located in California.

- 11. EDEN's organizational purpose and mission is accomplished through enforcement of the provisions of the Federal Clean Water Act and California's Industrial General Permit, in seeking redress against Industrial Dischargers who violate the Clean Water Act by failing to comply with all standard conditions of the Industrial General Permit. These standard conditions include, but are not limited to, discharges of polluted stormwater in violation of Federal and California criteria, deficient Stormwater Pollution Prevention Plans and Site Maps, deficient stormwater monitoring and sampling programs/protocols and reporting, deficient best management practices, deficient or non-existing exceedance response action reports, deficient or non-existing employee stormwater training programs, deficient or non-existing annual reports and other informational deficiencies.
- 12. EDEN's associational members volunteer their resources to join EDEN's organizational purpose and mission.
- EDEN's members reside, work and/or recreate near the Sacramento River, a tributary of the Sacramento-San Joaquin River Delta Waterways (the "Receiving Waters" for Defendant's storm water run-off), and use those waters and their watersheds for kayaking, canoeing, camping, cycling, recreation, sports, fishing, swimming, hiking, bird watching, photography, nature walks and scientific study. Their use and enjoyment of these natural resources have been and continue to be adversely impaired by Defendant's failure to comply with the procedural and substantive requirements of the California Industrial General Permit and Federal Clean Water Act.
- 14. EDEN has Article III standing as an association to bring this suit against

 Defendant, as at least one of EDEN's current members is experiencing an ongoing, concrete and
 particularized injury fairly traceable to Defendant's violations of the Clean Water Act and

Industrial General Permit, which likely can be redressed by a judicial decision granting EDEN the injunctive relief requested herein.

- 15. Specifically, the aesthetic and recreational interests of the individual associational members of EDEN with Article III standing have been adversely impacted by Defendant's failure to comply with the procedural and substantive requirements of the California Industrial General Permit and Federal Clean Water Act, as delineated herein.
- 16. In addition to harming the aesthetic and recreational interests of EDEN's members with standing in this matter, Defendant's procedural violations of the standard conditions of California's Industrial General Permit have caused informational injuries to EDEN's standing members by depriving these members of their substantive constitutional and statutory rights to obtain information regarding Defendant's compliance with standard conditions of California's Industrial General Permit as delineated herein, which provisions have been instituted by relevant regulatory agencies for the purposes of protecting the Waters of the United States.
- 17. EDEN's associational members who qualify for standing in this matter are current members who have been members of EDEN since at least the date that EDEN provided to Defendant the 60-day Notice of Intent to Sue attached hereto as **Exhibit A.**
- 18. Defendant's ongoing violations of the General Permit and the Clean Water Act have and will continue to cause irreparable harm to EDEN and its current standing members.
- 19. The relief requested herein will redress the ongoing injury in fact to EDEN and its members.
- 20. Neither litigation of the claims asserted, nor the relief requested in this Complaint, will require the participation in this lawsuit of any individual members of EDEN.

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21. EDEN is informed and believes, and on such information and belief alleges, that Defendant Castle & King Rock & Ready Mix, located at 105 Aegean Way, in Vacaville, California, is a California corporation in good standing with the California Secretary of State.

22. EDEN is informed and believes, and on such information and belief alleges, that Defendant Castle & King Rock & Ready Mix is identified in the Regional Water Board's records as the Industrial General Permit applicant and operator of the facility.

STATUTORY BACKGROUND

- 23. Congress declared that the Federal Clean Water Act was designed to "restore and maintain the chemical, physical, and biological integrity of the Nation's waters" through federal and state cooperation to develop and implement "programs for preventing, reducing, or eliminating the pollution of navigable waters and ground waters." 33 U.S.C. §§ 1251(a), 1252(a).
- 24. Section 301(a) of the Act, 33 U.S.C. § 1311(a), prohibits the discharge of any pollutant into waters of the United States, unless such discharge is in compliance with various enumerated sections of the Act. Among other things, Section 301(a) prohibits discharges not authorized by, or in violation of, the terms of an NPDES permit issued pursuant to Section 402 of the Act, 33 U.S.C. § 1342.
- 25. Section 402(p) of the Act establishes a framework for regulating municipal and industrial storm water discharges under the NPDES program. 33 U.S.C. § 1342(p). States with approved NPDES permit programs are authorized by Section 402(p) to regulate industrial storm water discharges through individual permits issued to dischargers or through the issuance of a single, statewide general permit applicable to all industrial storm water dischargers. 33 U.S.C. § 1342(p).

26. Pursuant to Section 402 of the Act, 33 U.S.C. § 1342, the Administrator of the U.S. EPA has authorized California's State Water Resources Control Board ("Water Board") to issue NPDES permits, including general NPDES permits in California.

General Permit

- 27. The State Board elected to issue a statewide general permit for industrial storm water discharges. The State Board originally issued the General Permit on November 19, 1991, and modified it on September 17, 1992. The State Board reissued the General Permit on April 17, 1997, and again on April 1, 2014 (the "2015 Permit" or "General Permit"), pursuant to Section 402(p) of the Clean Water Act, 33 U.S.C. § 1342(p). The 1997 Permit was in effect between 1997 and June 30, 2015. The 2015 Permit went into effect on July 1, 2015. The 2015 Permit maintains or makes more stringent the same requirements as the 1997 Permit.
- 28. On November 16, 2018, the State Water Board adopted a revised General Permit (Order No. 2018-XXXX-DWQ, which technically became effective on July 1, 2020. However, the 2018 Revisions have not officially been finalized or certified by the Clerk of the State Water Board as of the date of this Complaint.
- 29. In order to discharge storm water lawfully in California, all industrial facilities discharging, or having the potential to discharge, storm water associated with industrial activity ("Dischargers") which have not obtained an individual NPDES permit must apply for coverage under the State's General Permit by filing a Notice of Intent to Comply ("NOI"). Dischargers have been required to file NOIs since March 30, 1992.
- 30. The specific industrial facilities required to apply for General Permit coverage are identified on Attachment A to the General Permit.

31. The General Permit contains several prohibitions. Effluent Limitation V(A) of the General Permit requires Dischargers to reduce or prevent pollutants in their storm water discharges through implementation of the Best Available Technology Economically Achievable ("BAT") for toxic and nonconventional pollutants and the Best Conventional Pollutant Control Technology ("BCT") for conventional pollutants. Discharge Prohibition III(C) of the General Permit prohibits storm water discharges and authorized non-storm water discharges that cause or threaten to cause pollution, contamination, or nuisance.

- 32. Receiving Water Limitation VI(B) of the General Permit prohibits storm water discharges to any surface or ground water that adversely impact human health or the environment. Receiving Water Limitation VI(A) and Discharge Prohibition III(D) of the Permit prohibit storm water discharges that cause or contribute to an exceedance of any applicable water quality standards contained in Statewide Water Quality Control Plan or the applicable Regional Board's Basin Plan.
- 33. In addition to absolute prohibitions, the General Permit contains a variety of substantive and procedural requirements that Dischargers must meet.
- 34. Dischargers must develop and implement a Storm Water Pollution Prevention Plan ("SWPPP"). The SWPPP must describe storm water control facilities and measures that comply with the BAT and BCT standards. The objective of the SWPPP requirement is to identify and evaluate sources of pollutants associated with industrial activities that may affect the quality of storm water discharges and authorized non-stormwater discharges from the facility, and to implement best management practices ("BMPs") to reduce or prevent pollutants associated with industrial activities in storm water discharges and authorized non-storm water discharges. General Permit, § X(C). These BMPs must achieve compliance with the General

Permit's effluent limitations and receiving water limitations, including the BAT and BCT technology mandates.

- 35. To ensure compliance with the General Permit, the SWPPP must be evaluated and revised as necessary. General Permit, § X(B).
- 36. Failure to develop or implement an adequate SWPPP, or to update or revise an existing SWPPP as required, is a violation of the General Permit. General Permit, Fact Sheet §I(1).
- 37. Sections X(D) X(I) of General Permit set forth the requirements for a SWPPP. Among other requirements, the SWPPP must include: a pollution prevention team; a site map; a list of significant materials handled and stored at the site; a description of potential pollutant sources; an assessment of potential pollutant sources; and a description of a specific mandatory set of minimum BMPs to be implemented at the facility that will reduce or prevent pollutants in storm water discharges and authorized non-stormwater discharges.
- 38. The General Permit further requires dischargers to implement and maintain, to the extent feasible, any one or more of the following advanced BMPs necessary to reduce or prevent discharges of pollutants in industrial storm water discharges: exposure minimization BMPs, storm water containment and discharge reduction BMPs, treatment control BMPs, and other advanced BMPs. General Permit, § X(H)(2). Failure to implement advanced BMPs as necessary to achieve compliance with either technology or water quality standards is a violation of the General Permit.
- 39. The General Permit also requires that the SWPPP include BMP Descriptions and a BMP Summary Table. General Permit, § X(H)(4), (5).

- 40. The General Permit requires Dischargers to develop and implement an adequate written Monitoring and Reporting Program. The primary objective of the Monitoring and Reporting Program is to detect and measure the concentrations of pollutants in a facility's discharge to ensure compliance with the General Permit's discharge prohibitions, effluent limitations, and receiving water limitations.
- 41. As part of their monitoring program, Dischargers must identify all storm water discharge locations that produce a significant storm water discharge, evaluate the effectiveness of BMPs in reducing pollutant loading, and evaluate whether pollution control measures set out in the SWPPP are adequate and properly implemented.
- 42. Section XI(B) of the General Permit requires that Dischargers collect and analyze storm water samples from two qualifying storm events ("QSEs") during the first half of each reporting year (July 1 to December 31) and two QSEs during the second half of each reporting year (January 1 to June 30), and that the samples be collected from all outfalls identified in the facility SWPPP.
- 43. A QSE is a precipitation event that produces a discharge for at least one drainage area and is preceded by 48 hours with no discharge from any drainage area. General Permit \$XI(B)(2)
- 44. Once the storm water samples have been collected, the General Permit requires that the Discharger deliver the samples to a qualified laboratory for analysis within 48 hours of collection (General Permit, Attachment H) and upload into SMARTS the resulting laboratory reports within 30 days from receipt of the report. General Permit § XI(B)(4)

Facilities are also required to make monthly visual observations of storm water

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discharges. The visual observations must represent the quality and quantity of the facility's storm water discharges from the storm event. General Permit, § XI(A)

46. The General Permit requires operators to conduct an Annual Comprehensive

- 46. The General Permit requires operators to conduct an Annual Comprehensive facility Compliance Evaluation ("Annual Evaluation") that evaluates the effectiveness of current BMPs and the need for additional BMPs based on visual observations and sampling and analysis results. General Permit, § XV.
- 47. Under the General Permit, facilities must analyze storm water samples for pH, oil & grease and total suspended solids, as well as additional parameters indicated in the Permit by facility type and those parameters identified by the Discharger on a facility-specific basis that serve as indicators of the presence of all industrial pollutants identified in the pollutant source assessment. General Permit, § XI(B)(6)(c).
- 48. The US EPA has established Parameter Benchmark Values as guidelines for determining whether a facility discharging industrial storm water has implemented the requisite BAT and BCT. These benchmarks represent pollutant concentrations at which a storm water discharge could potentially impair, or contribute to impairing, water quality, or affect human health from ingestion of water or fish.
- 49. The Numeric Action Levels ("NALs") in the General Permit are derived from these benchmarks. The Permit incorporates annual NALs, which are derived from the 2008 MSGP benchmark values, and instantaneous maximum NALs, which are derived from a Water Board dataset.
- 50. The following annual NALs have been established under the General Permit for pollution parameters applicable to all Dischargers: pH 6.0 9.0 standard units ("S.U."); total

suspended solids ("TSS") – 100 mg/L; oil & grease ("O&G") – 15 mg/L; iron – 1.0 mg/L, nitrite

+ nitrate as nitrogen --.68 mg/L, zinc --.26 mg/L, phosphorus --2.0 mg/L, aluminum - .75 mg/L,

lead – .262 mg/L, copper – .0332 mg/L, nickel – 1.02 mg/L and chemical oxygen demand – 120 mg/L.

51. An exceedance of an annual NAL occurs when the average of all samples obtained for an entire facility during a single reporting year is greater than a particular annual NAL. The reporting year runs from July 1 to June 30. An instantaneous maximum NAL

- exceedance occurs when two or more analytical results from samples taken for any single parameter within a reporting year exceed the instantaneous maximum NAL value (for TSS and
- O&G) or are outside of the instantaneous maximum NAL range for pH. General Permit §XII(A)
- 52. When a Discharger exceeds an applicable NAL, it is elevated to "Level 1 Status," which requires a revision of the SWPPP and additional BMPs. If a discharger exceeds an applicable NAL during Level 1 Status, it is then elevated to "Level 2 Status." General Permit § XII(C)
- 53. For Level 2 Status, a Discharger is required to submit an Action Plan requiring a demonstration of either additional BMPs to prevent exceedances, a determination that the exceedance is solely due to non-industrial pollutant sources, or a determination that the exceedance is solely due to the presence of the pollutant in the natural background. General Permit §XII(D)
- 54. The Water Board has established an online database referred to as its Stormwater Multiple Application and Tracking System (SMARTS"). SMARTS is a platform where Dischargers, regulators, and the public can enter, manage, and view storm water data associated with General Permit compliance.

The General Permit requires Dischargers to upload to SMARTS all Permit

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Registration Documents, including SWPPPs and Site Maps, monitoring and sampling data and Annual Reports.

56. Section XVI(A) of the General Permit requires that all Dischargers must certify

- 56. Section XVI(A) of the General Permit requires that all Dischargers must certify and submit to SMARTS an Annual Report no later than July 15th following each reporting year using the standardized format and checklists in SMARTS.
- 57. Furthermore, Section XXI(L) of the General Permit provides that all documents submitted to SMARTS, including SWPPPs and Annual Reports, be certified by a legally responsible party or duly authorized representative of the facility, with the following certification:

"I certify under penalty of law that this document and all Attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

58. Section XXI(N) of the General Permit provides that any person who knowingly makes any false material statement, representation, or certification in any record or other document submitted or required to be maintained under the General Permit, including reports of compliance or noncompliance shall upon conviction, be punished by a fine of not more than \$10,000, or by imprisonment for not more than two years, or by both. *See* also Clean Water Act section 309(c)(4)

Central Valley Region Basin Plan

59. The Regional Board has identified beneficial uses of the Central Valley Region's waters and established water quality standards for the Sacramento River and its tributaries and

the Sacramento-San Joaquin Delta in "The Water Quality Control Plan (Basin Plan) for the

California Regional Water Quality Control Board, Central Valley Region – The Sacramento

River Basin and The San Joaquin River Basin," generally referred to as the Basin Plan, and the "Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary."

60. The beneficial uses of these waters include, among others, domestic and municipal supply, water contact recreation, non-contact water recreation, wildlife habitat, warm

- and cold freshwater habitat, and fish spawning. The non-contact water recreation use is defined as "uses of water for recreational activities involving proximity to water, but where there is generally no body contact with water, nor any likelihood of ingestion of water. These uses include, but are not limited to, picnicking, sunbathing, hiking, camping, boating. . . hunting,
- 61. The Basin Plan includes a narrative toxicity standard which states that all waters shall be maintained free of toxic substances in concentrations that produce detrimental physiological responses in human, plant, animal, or aquatic life.

sightseeing, or aesthetic enjoyment in conjunction with the above activities."

- 62. The Basin Plan provides that water shall not contain floating material in amounts that cause nuisance or adversely affect beneficial uses.
- 63. The Basin Plan provides that water shall be free of discoloration that causes nuisance or adversely affects beneficial uses.
- 64. The Basin Plan provides that waters shall not contain suspended materials in concentrations that cause nuisance or adversely affect beneficial uses.
- 65. The Basin Plan also prohibits the discharges of oil and grease, stating that waters shall not contain oils, greases, waxes, or other materials in concentrations that cause nuisance,

result in a visible film or coating on the surface of the water or on objects in the water, or otherwise adversely affect beneficial uses.

- 66. The Basin Plan provides that at a minimum, water designated for use as domestic or municipal supply (MUN) shall not contain concentrations of chemical constituents in excess of the maximum contaminant levels (MCLs) specified in the following provisions of Title 22 of the California Code of Regulations, which are incorporated by reference into this plan: Tables 64431-A (Inorganic Chemicals) and 64431-B (Fluoride) of Section 64431, Table 64444-A (Organic Chemicals) of Section 64444, and Tables 64449-A (Secondary Maximum Contaminant Levels-Consumer Acceptance Limits) and 64449-B (Secondary Maximum Contaminant Levels-Ranges) of Section 64449.
- 67. Title 22 of the California Code of Regulations provides a MCL for aluminum of 1.0 mg/L, for Cadmium of .01 mg/L, and lead of .05 mg/L.
- 68. The Basin Plan provides that the pH shall not be depressed below 6.5 nor raised above 8.5; that iron levels not exceed .30 mg/L; that zinc not exceed .10 mg/L; that copper not exceed .0056 mg/L, and that cadmium not exceed .00022 mg/L.
- 69. The Basin Plan requires that waters shall be free of changes in turbidity that cause nuisance or adversely affect beneficial uses."
- 70. Table III-1 of the Basin Plan provides a water quality objective ("WQO") for iron of 0.3 mg/L.

Citizen Suit Provision of the CWA

71. Under the CWA, any citizen may commence a civil action against any person who is alleged to be in violation of an effluent standard or limitation under the CWA or an Order issued by a State with respect to such a standard or limitation." 33 U.S.C. §1365(a)(1). No action

may be commenced prior to sixty days after the plaintiff has given notice of the alleged violation (i) to the Administrator of the EPA, (ii) to the State in which the alleged violation occurs, and (iii) to any alleged violator of the standard, limitation, or order." 33 U.S.C. § 1365(b)(1)(A). By including a citizen suit provision in the CWA, Congress ensured that the purposes and requirements of the CWA would be enforced, either by the United States government or by concerned citizens.

- 72. In furtherance of the water preservation goals established by the CWA, the citizen suit provision confirms the district court's jurisdiction to apply any appropriate civil penalties under section 1319(d). 33 U.S.C. § 1365(a). Section 1319(d) declares that any person who violates any permit condition or limitation implementing any of such sections in an NPDES permit shall be subject to a civil penalty not to exceed \$46,192.00 per day for each violation occurring before November 2, 2015, and \$56,460.00 per day per violation for violations occurring after November 2, 2015. 33 U.S.C. § 1319(d); 40 C.F.R. § 19.4; General Permit XXI.Q.1.
- 73. Violations of provisions of the General Permit, including those detailed below, constitute violations of the CWA and are subject to civil penalties. General Permit § XXI; 33 U.S.C. §§ 1319(d), 1342; 40 C.F.R. §§ 19.1-19.4.

FACTUAL ALLEGATIONS WHICH GIVE RISE TO CLAIMS

74. Defendant Castle & King Rock & Ready Mix ("Defendant") is a facility that manufactures ready-mixed concrete. EDEN is informed and believes that the facility falls under standard industrial classification ("SIC") code 3273.

- 75. EDEN is informed and believes that Defendant stores industrial materials outdoors that can be exposed to storm water, eroded by wind, and otherwise contaminate the surrounding watershed.
- 76. Plaintiff is informed and believes, and thereupon alleges that during rain events, storm water flows over the surface of the facility where industrial activities occur and areas where airborne materials associated with the industrial processes at the facility may settle onto the ground. Plaintiff is informed and believes, and thereupon alleges that storm water flowing over these areas collects suspended sediment, dirt, metals, and other pollutants as it flows towards the facility's storm water channels.
- 77. Based on EDEN's investigation, including a review of the Defendant's Notice of Intent to Comply with the Terms of the Industrial General Permit ("NOI"), SWPPP, aerial photography, Federal, State and local regulatory agency mapping tools and EDEN's information and belief, storm water leaves the boundaries of Defendant's facility and enters Ulatis Creek and Cache Slough, before reaching the Sacramento River and the Sacramento-San Joaquin River Delta, navigable Waters of the United States.
- 78. Plaintiff is informed and believes, and thereupon alleges, that the best management practices at the facility are currently inadequate to prevent the sources of contamination described above from causing the discharge of pollutants to waters of the United States.

Deficient SWPPP/Failure to Follow SWPPP

79. On information and belief, Plaintiff alleges that since at least January 4, 2022, Defendant has failed to implement an adequate SWPPP for its facility.

- 80. Plaintiff is informed and believes, and thereupon alleges, that Defendant's SWPPP and Site Map do not include each of the mandatory elements required by Section X of the General Permit, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**, with the exception noted in Paragraph 81, below.
- 81. On October 11, 2023, Defendant submitted to SMARTS a change of information removing the Facility's second SIC Code of 1442. Based on the foregoing, Section III.A.2.d of the Notice Letter is no longer applicable as an area of deficiency of Defendant's current SWPPP.
- 82. Plaintiff is informed and believes, and thereupon alleges, that Defendant's SWPPP and Site Map do not include sufficient information to comply with the mandatory elements required by Section X of the General Permit, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.
- 83. According to information available to EDEN, Defendant's SWPPP has not been evaluated to ensure its effectiveness and revised where necessary to further reduce pollutant discharges.
- 84. Plaintiff is informed and believes, and thereupon alleges, that Defendant's SWPPP does not set forth site-specific Best Management Practices (BMPs) for the facility that are consistent with BAT or BCT.
- 85. Plaintiff is informed and believes, and thereupon alleges, that Defendant has failed and continues to fail to alter the facility's SWPPP and site-specific BMPs consistent with the General Permit.
- 86. In addition, Plaintiff alleges that Defendant has failed to comply with the provisions of its current SWPPP in the areas of monitoring and reporting.

87. Information available to EDEN indicates that as a result of these practices, storm water containing excessive pollutants is being discharged during rain events into the Sacramento-San Joaquin River Delta.

88. Plaintiff is informed and believes, and thereupon alleges, that all the violations alleged above with respect to Defendant's deficient SWPPP are ongoing and continuing.

Monitoring and Reporting

- 89. On information and belief, EDEN alleges that Defendant has an inadequate monitoring program at its facility.
- 90. On information and belief, EDEN alleges that since January 4, 2022, Defendant has failed to collect and analyze two storm water samples from the first half of each reporting year, and two storm water samples from the second half of each reporting year, as required by General Permit §XI(B).
- 91. On information and belief, EDEN alleges that Defendant has failed to conduct monthly visual observations of storm water discharges at the facility since at least January 4, 2022.
- 92. On information and belief, EDEN alleges that Defendant has collected samples of storm water discharges at the facility that failed to comply with the General Permit's requirement that samples be preceded by a 48-hour period without a discharge, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.
- 93. On information and belief, EDEN alleges that Defendant has failed to collect storm water samples from each drainage area at all discharge locations at its facility, for each QSE where sampling is performed, pursuant to General Permit § XI(B), as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.

94. EDEN is informed and believes that Defendant has failed to analyze the facility's storm water samples for the required parameters, in violation of Section XI(B)(6) of the General Permit, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.

- 95. On information and belief, EDEN alleges that Defendant has failed to deliver the facility storm water samples to a qualified Laboratory within 48 hours of collection, pursuant to Attachment H, Section 2 of the General Permit, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.
- 96. EDEN is informed and believes that Defendant has failed to upload facility storm water sample analyses within 30 days of obtaining the results of the sampling event, in violation of Section XI(B)(11) of the General Permit, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.
- 97. EDEN is informed and believes that Defendant has failed to properly analyze its collected storm water sample for the parameter of pH, in violation of Section XI(C)(2)(a) of the General Permit, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.

Falsification of Annual Reports

98. EDEN is informed and believes that since January 4, 2022, Defendant has submitted inaccurate and/or falsified Annual Reports to the Regional Water Quality Control Board in violation of Sections XXI(L) and XXI(N) of the General Permit, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.

Failure to Implement BAT/BCT and BMPs

99. EDEN is informed and believes that since at least January 4, 2022, Defendant has failed to identify and implement Best Management Practices ("BMPs") at its facility that comply

with the requirements of the General Permit for best conventional treatment (BCT) for conventional pollutants, and best available technology (BAT) for toxic and non-conventional pollutants. These technology-based pollution controls are required to be implemented in a manner that reflects best industry practice considering technological availability and economic practicability and achievability. General Permit §§ I(C), V(A).

- 100. Defendant's BMP deficiencies are more particularly described in the Notice Letter attached hereto as **Exhibit A**.
- 101. Information available to EDEN indicates that as a result of these practices, storm water containing excessive pollutants is being discharged during rain events from the facility to the Sacramento-San Joaquin River Delta.

Discharges of Contaminated Storm Water

- 102. Information available to EDEN indicates that unauthorized non-storm water discharges occur at the facility due to inadequate BMP development and/or implementation necessary to prevent these discharges, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.
- 103. Due to the nature of the operations at the facility, coupled with the documented lack of proper BMP implementation and unauthorized non-storm water discharges, Defendant is discharging storm water containing excessive levels of pollutants specific to its operation during at least every significant local rain event.
- 104. Since at least January 4, 2022, Defendant has reported numerous discharges in excess of narrative and numeric water quality standards established in the Basin Plan, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.

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105. Since at least January 4, 2022, Defendant has reported numerous discharges in excess of the benchmark value and annual numeric action limits established by EPA and the Water Board, as is more particularly described in the Notice Letter attached hereto as **Exhibit A**.

Failure to Train Employees

- 106. The General Permit requires all Dischargers to designate a Legally Responsible Person to implement the requirements of the Permit. The Legally Responsible Person is responsible for appointing a Pollution Prevention Team and ensuring that the Team is properly trained in at least the following minimum requirements: BMP implementation, BMP effectiveness evaluations, visual observations, and monitoring activities.
- 107. Plaintiff is informed and believes that since at least January 4, 2022, Defendant has failed to implement and train a Pollution Prevention Team at its facility.

FIRST CAUSE OF ACTION

Failure to Prepare, Implement, Review, and Update an Adequate Storm Water Pollution Prevention Plan (Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)

- 108. Plaintiff re-alleges and incorporates all the preceding paragraphs as if fully set forth herein.
- 109. The General Permit requires dischargers of storm water associated with industrial activity to develop and implement an adequate SWPPP.
- 110. As outlined herein, Defendant has failed to develop and implement an adequate SWPPP for its facility.
- 111. Each day since January 4, 2022, that Defendant has failed to develop, implement and update an adequate SWPPP for the facility is a separate and distinct violation of the General Permit and Section 301(a) of the Act, 33 U.S.C. § 1311(a). These violations are ongoing and continuous.

SECOND CAUSE OF ACTION Failure to Develop and Implement an

Adequate Monitoring and Reporting Program
(Violation of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)

- 112. Plaintiff re-alleges and incorporates all the preceding paragraphs as if fully set forth herein.
- 113. The General Permit requires dischargers of storm water associated with industrial activity to have developed and be implementing a monitoring and reporting program (including sampling and analysis of discharges) that complies with the terms of the General Permit.
- 114. As outlined herein, Defendant has failed to develop and implement an adequate monitoring and reporting program for its facility.
- 115. Each day since at least January 4, 2022, that Defendant has failed to develop and implement an adequate monitoring and reporting program for its facility in violation of the General Permit is a separate and distinct violation of the General Permit and Section 301(a) of the Act, 33 U.S.C. § 1311(a). The absence of requisite monitoring and analytical results are ongoing and continuous violations of the Act.

THIRD CAUSE OF ACTION

Submission of False Annual Reports to the Regional Water Board (Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)

- 116. Plaintiff re-alleges and incorporates all the preceding paragraphs as if fully set forth herein.
- 117. Section XVI of the General Permit requires that Annual Reports submitted to SMARTS be certified under penalty of law, pursuant to Section XXI(L), which provides significant penalties for submitting false information.
- 118. Specifically, Clean Water Action section 309(c)(4) and Section XXI(N) of the General Permit provide a maximum penalty to any person who knowingly makes a false material

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ongoing and continuous.

statement, representation or certification in any record or other documents submitted or required to be maintained under the General Permit, including Annual Reports, up to and including a fine of \$10,000 and imprisonment of two years, or both.

- 119. As delineated herein, Defendant made false representations in the facility's Annual Reports.
- 120. Each time since January 4, 2022, that Defendant submitted false statements to the Water Board under penalty of perjury is a separate and distinct violation of the General Permit and Section 301(a) of the Act, 33 U.S.C. § 1311(a). These violations are ongoing and continuous.

FOURTH CAUSE OF ACTION Failure to Implement the Best Available and **Best Conventional Treatment Technologies** (Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)

- 121. Plaintiff re-alleges and incorporates all the preceding paragraphs as if fully set forth herein.
- 122. The General Permit's SWPPP requirements and Effluent Limitation V(A) of the General Permit require dischargers to reduce or prevent pollutants in their storm water discharges through implementation of BAT for toxic and nonconventional pollutants and BCT for conventional pollutants.
- 123. As alleged herein, Defendant has failed to implement BAT and BCT at the facility for its discharges of pollutants, in violation of Effluent Limitation V(A) of the General Permit.
- 124. Each day since at least January 4, 2022, that Defendant has failed to develop and implement BAT and BCT in violation of the General Permit is a separate and distinct violation of the General Permit and Section 301(a) of the Act, 33 U.S.C. § 1311(a). These violations are

FIFTH CAUSE OF ACTION Discharges of Contaminated Storm Water

in Violation of Permit Conditions and the Act (Violations of 33 U.S.C. §§ 1311, 1342)

- 125. Plaintiff re-alleges and incorporates all of the preceding paragraphs as if fully set forth herein.
- 126. Discharge Prohibition III(C) of the General Permit prohibits storm water discharges and authorized non-storm water discharges that cause or threaten to cause pollution, contamination, or nuisance. Receiving Water VI(B) of the General Permit prohibits storm water discharges to any surface or ground water that adversely impact human health or the environment. Receiving Water Limitation VI(A) and Discharge Prohibition III(D) of the Permit prohibit storm water discharges that cause or contribute to an exceedance of any applicable water quality standards contained in Statewide Water Quality Control Plan or the applicable Regional Board's Basin Plan.
- 127. Plaintiff is informed and believes, and thereupon alleges, that since at least January 4, 2022, Defendant has been discharging polluted storm water from its facility, in excess of applicable water quality standards in violation of Receiving Water Limitation VI(A) and Discharge Prohibition III(D) of the General Permit.
- 128. During every rain event, storm water flows freely over exposed materials, waste products, and other accumulated pollutants at both facilities, becoming contaminated with pollutants associated with the industrial activity occurring at Defendant's facility. The polluted storm water then flows untreated into the Sacramento River, a tributary of the Sacramento-San Joaquin River Delta.
- 129. Plaintiff is informed and believes, and thereupon alleges, that these discharges of contaminated storm water are causing or contributing to the violation of the applicable water

quality standards in a Statewide Water Quality Control Plan and/or the applicable Regional Board's Basin Plan in violation of Receiving Water Limitations of the General Permit.

- 130. Plaintiff is informed and believes, and thereupon alleges, that these discharges of contaminated storm water are adversely affecting human health and the environment in violation of Receiving Water Limitations of the General Permit.
- 131. Every day since at least January 4, 202,2 that Defendant has discharged and continues to discharge polluted storm water from its facility in violation of the General Permit is a separate and distinct violation of Section 301(a) of the Act, 33 U.S.C. § 1311(a). These violations are ongoing and continuous.

SIXTH CAUSE OF ACTION

Failure to Properly Train facility Employees and Pollution Prevention Team (Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)

- 132. Plaintiff re-alleges and incorporates all of the preceding paragraphs as if fully set forth herein.
- 133. Section X(D)(1) of the General Permit requires each facility to establish a Pollution Prevention Team responsible for implementing the requirements of the General Permit. The facility is also required to identify alternate team members to implement the SWPPP and conduct required monitoring when the regularly assigned Pollution Prevention Team members are temporarily unavailable (due to vacation, illness, out of town business, or other absences).
- 134. Section X(H)(f) of the General Permit also requires that each facility ensure that all of its Pollution Prevention Team members implementing the various compliance activities of the General Permit are properly trained.

135. Since at least January 4, 2022, Defendant has failed to properly implement and train a Pollution Prevention Team, which has resulted in the General Permit violations alleged herein. These violations are ongoing and continuous.

RELIEF REQUESTED

WHEREFORE, Plaintiff respectfully requests that the Court enter judgment providing the following relief:

- 1. Declare Defendant to have violated and to be in violation of the CWA;
- 2. Issue an injunction ordering Defendant to immediately operate its facility in compliance with the NPDES permitting requirements contained in the General Permit and the CWA;
- 3. Enjoin Defendant Castle & King Rock & Ready Mix from discharging pollutants to the surface waters surrounding its facility until such time as Defendant has developed and implemented an adequate SWPPP and implemented appropriate BMPs;
- 4. Order Defendant to pay civil penalties of \$56,460.00 per day/per violation for each violation of the Act pursuant to 33 U.S.C. §§ 1319(d), 1365(a) and 40 C.F.R. §§ 19.1, 19.2-19.4;
- 5. Order Defendant Castle & King Rock & Readymix to take appropriate actions to restore the quality of United States waters impaired by activities at its facility;
- 6. Order Defendant to pay EDEN's reasonable attorneys' fees and costs (including expert witness fees), as provided by 33 U.S.C. § 1365(d) and applicable California law;
- 7. Award Plaintiff additional attorney fees under California Code of Civil Procedure §1021.5, to the extent that Plaintiff's Notice of Intent to Sue directed to Defendant was the catalyst for Defendant's voluntary corrective action or cessation of the violations included in

1	Plaintiff's Notice, provided that Defendant undertook any such corrective action after receiving				
2	Plaintiff's Notice, and;				
3	8. Award such other and further relief as may be just and proper.				
4	Dated: November 9, 2023 Respectfully,				
5					
6	By: <i>/S/ Adam D. Brumm</i>				
7	Adam D. Brumm				
8	Attorney for Plaintiff				
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EXHIBIT A



central Valley Eden Environmental Defenders

August 23, 2023

Via US Mail, Certified and Email

Dustin Robben Email: dustin@rockonck.com Castle & King Ready Mix 105 Aegean Way Vacaville, CA 95687

Via US Mail

Benjamin Button Agent for Castle & King 105 Aegean Way Vacaville, CA 95687

SECOND AMENDED 60-Day Notice of Violations and Intent to File Suit Under the Re: Federal Water Pollution Control Act ("Clean Water Act")

Email: ben@rockonck.com

To Officers, Directors, Operators, Property Owners and/or Facility Managers of Castle & King Rock & Ready Mix, Inc:

This letter is being sent to you on behalf of Central Valley Eden Environmental Defenders, LLC ("EDEN") to give legal notice that EDEN intends to file a civil action against Castle & King Rock & Ready Mix, Inc ("Discharger" or "Castle & King") and the respective corporate officers and other legally responsible parties for violations of the Federal Clean Water Act ("CWA" or "Act") 33 U.S.C. § 1251 et seq., that EDEN believes are occurring at the Castle & King facility located at 105 Aegean Way in Vacaville, California ("the Facility" or "the site").

EDEN is an environmental citizen's group established under the laws of the State of California to protect, enhance, and assist in the restoration of all rivers, creeks, streams, sloughs, lakes and tributaries of California, for the benefit of its ecosystems and communities.

As discussed below, the Facility's discharges of pollutants degrade water quality and harm aquatic life in the Facility's Receiving Waters, which are waters of the United States and are described in Section II.B, below. EDEN has members throughout California. Some of EDEN's members live, work, and/or recreate near the Receiving Waters and use and enjoy the

Davis, CA 95616

60-Day Notice of Intent to Sue Castle & King Rock & Ready Mix August 23, 2023 Page 2 of 19

Receiving Waters for kayaking, canoeing, camping, fishing, duck hunting, boating, swimming, hiking, cycling, bird watching, picnicking, viewing wildlife, and/or engaging in scientific study.

At least one of EDEN's current members has standing to bring suit against Castle & King, as the unlawful discharge of pollutants from the Facility as alleged herein has had an adverse effect particular to him or her and has resulted in actual harm to the specific EDEN member(s).

Further, the Facility's discharges of polluted storm water and non-storm water are ongoing and continuous. As a result, the interests of certain individual EDEN members have been, are being, and will continue to be adversely affected by the failure of Castle & King to comply with the General Permit and the Clean Water Act.

CWA section 505(b) requires that sixty (60) days prior to the initiation of a civil action under CWA section 505(a), a citizen must give notice of intent to file suit. 33 U.S.C. § 1365(b). Notice must be given to the alleged violator, the U.S. Environmental Protection Agency ("EPA"), and the EPA in the state in which the violations occurred or are occurring.

As required by CWA section 505(b), this Notice of Violation and Intent to File Suit provides notice to the Discharger of the violations which have occurred and continue to occur at the Facility. After the expiration of sixty (60) days from the date of this Notice of Violation and Intent to File Suit, EDEN reserves the right to file suit in federal court against Castle & King under CWA section 505(a) for the violations described more fully below, if this matter cannot be resolved.

I. THE SPECIFIC STANDARD, LIMITATION OR ORDER VIOLATED

EDEN's investigation of the Facility has uncovered significant, ongoing, and continuous violations of the CWA and the General Industrial Storm Water Permit issued by the State of California (NPDES General Permit No. CAS000001 [State Water Resources Control Board ("SWRCB")] Water Quality Order No. 2014-0057-DWQ as amended by Orders 2015-0122-DWQ and 2020-XXXXX-DWQ) (hereinafter "General Permit").

Information available to EDEN, including documents obtained from California EPA's online Storm Water Multiple Application and Reporting Tracking System ("SMARTS"), indicates that on or around January 4, 2022, Castle & King submitted a Notice of Intent ("NOI") to be authorized to discharge storm water from the Facility under the General Permit. Castle & King's assigned Waste Discharger Identification number ("WDID") is 5S48I029578.

As more fully described in Section III, below, EDEN alleges that in its operations of the Facility, Castle & King has committed ongoing violations of the substantive and procedural requirements of the Federal Clean Water Act, California Water Code §13377, et seq; the General

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Permit; the Regional Water Board Basin Plan; the California Toxics Rule (CTR); 40 C.F.R. Chapter I, Subchapter N, § 400, et seq.; and California Code of Regulations, Title 22, § 64431.

II. THE LOCATION OF THE ALLEGED VIOLATIONS

A. The Facility

The location of the point sources from which the pollutants identified in this Notice are discharged in violation of the CWA is Castle & King's permanent facility address of 105 Aegean Way in Vacaville, California.

Castle & King is a facility that manufactures ready-mixed concrete and aggregate. Facility operations are covered under Standard Industrial Classification Code(s) (SIC) 3273 - Ready Mix Concrete and 1442 - Construction Sand & Gravel mining.

Based on the EPA's Industrial Storm Water Fact Sheet for industrial businesses with the SIC code of 3273 and 1442, stormwater run-off discharges contain many pollutants on the list of chemicals published by the State of California known to cause cancer, birth defects, and/or developmental or reproductive harm, including toxic and heavy metals, pH affecting substances, total suspended solids (TSS), and various types of oil and grease (O&G), as well as Iron and Nitrate+Nitrite (N+N).

Information available to EDEN indicates that the Facility's industrial activities and associated materials are exposed to storm water, and that each of the substances listed on the EPA's Industrial Storm Water Fact Sheet is a potential source of pollutants at the Facility.

B. The Affected Receiving Waters

The Facility discharges into Ulatis Creek and Sweeney Creek, tributaries of the Sacramento-San Joaquin River Delta ("Receiving Waters"). The Facility's Receiving Waters are impaired for Carcinogenic Pesticide Screen, Chlorpyrifos, Diazinon, Mercury, Electrical Conductivity, DDT (Dichlorodiphenyltrichloroethane).

The Sacramento-San Joaquin River Delta is a water of the United States. The CWA requires that water bodies such as the Sacramento-San Joaquin River Delta meet water quality objectives that protect specific "beneficial uses." The Regional Water Board has issued its *Water Quality Control Plan for the Sacramento-San Joaquin Delta Basin* ("Basin Plan") to delineate those water quality objectives.

The Basin Plan identifies the "Beneficial Uses" of water bodies in the region. The Beneficial Uses for the Receiving Waters downstream of the Facility include: Municipal and Domestic Supply (MUN), Agricultural Supply (AGR), Industrial Process Supply (PRO),

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Industrial Service Supply (IND), Navigation (NAV), Water Contact Recreation (REC-1), Noncontact Water Recreation (REC-2), Warm Freshwater Habitat (WARM), Cold Freshwater Habitat (COLD), Wildlife Habitat (WILD), Migration (MIGR), and Spawning, Reproduction, and/or Early Development (SPWN).

A water body is impaired pursuant to section 303(d) of the Clean Water Act, 33 U.S.C. § 1313(d), when its Beneficial Uses are not being achieved due to the presence of one or more pollutants. Polluted storm water and non-storm water discharges from industrial facilities, such as the Facility, contribute to the further degradation of already impaired surface waters, and harm aquatic dependent wildlife.

III. VIOLATIONS OF THE CLEAN WATER ACT AND GENERAL PERMIT

A. Deficient SWPPP and Site Map

Castle & King's current Storm Water Pollution Prevention Plan ("SWPPP") and Site Map for the Facility are inadequate and fail to comply with the requirements of the General Permit as specified in Section X of Order No. 2014-0057-DWQ, as delineated below.

- 1. The Site Map does not include all minimum required components for Site Maps as indicated in Section X.E of the General Permit as follows:
 - (a) An accurate depiction of all storm water drainage areas within the facility boundary;
 - (b) Accurate storm water flow direction of each drainage area;
 - (c) At least one sampling location for every drainage area;
 - (d) Sampling points which are representative of facility operations;
 - (e) Locations of storm water collection and conveyance systems associated with discharge locations and the accurate flow direction (i.e. storm drain inlets and underground conveyances);
 - (f) Locations and descriptions of all structural control measures that affect industrial storm water discharges, authorized NSWDs and/or run-on;
 - (g) Locations where materials are directly exposed to precipitation and the locations where identified significant spills or leaks have occurred; and

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- (h) All areas of industrial activity subject to the General Permit.
- 2. The SWPPP does not include all the required elements, as indicated below:
 - (a) A complete and detailed list of all **Industrial Materials** handled at the facility, including the locations where the materials are stored, received, shipped and handled, and the quantities and handling frequency of the Industrial Materials (Sections X.A.3, X.F, X.G.1.a);
 - (b) A detailed, accurate and complete discussion of **Facility operations and all industrial processes** at the Facility, including manufacturing, cleaning, maintenance, recycling, disposal, and any other activities related to each industrial process; and the type, characteristics, and approximate quantity of industrial materials used in or resulting from the process. Areas protected by containment structures and the corresponding containment capacity are also required to be identified and described. (X.G.1.a);
 - (c) An accurate and complete description of **Potential Pollutant Sources** and narrative assessment of all areas of industrial activity with potential industrial pollutant sources, including Industrial Processes, Material Handling and Storage Areas, Dust and Particulate Generating Activities, Significant Spills and Leaks, Non-Storm Water Discharges and Erodible Surfaces (Section X.G);
 - (d) The proper **sampling parameters** for both of the Facility's SIC Codes; specifically, Nitrates. (Section XI.B.6.d, Table 1, Section XI));
 - (e) A complete and accurate pollutant source assessment and the corresponding proper **sampling parameters** to include all potential pollutants present at the facility likely to come into contact with stormwater (Section XI.B.6); and
 - (f) An appropriate and complete discussion of **drainage areas and Outfalls** from which samples must be taken during Qualified Storm Events (Section XI).

Failure to develop or implement an adequate SWPPP is a violation of Sections II.B.4.f and X of the General Permit.

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B. Failure to Develop, Implement and/or Revise an Adequate Monitoring and Reporting Program Pursuant to the General Permit

Section XI of the General Permit requires Dischargers to develop and implement a storm water monitoring and reporting program ("M&RP") prior to conducting industrial activities. Dischargers have an ongoing obligation to revise the M&RP as necessary to ensure compliance with the General Permit.

The objective of the M&RP is to detect and measure the concentrations of pollutants in a facility's discharge, and to ensure compliance with the General Permit's Discharge Prohibitions, Effluent Limitations, and Receiving Water Limitations. An adequate M&RP ensures that BMPs are effectively reducing and/or eliminating pollutants at the Facility, and it must be evaluated and revised whenever appropriate to ensure compliance with the General Permit.

1. Failure to Conduct Visual Observations and Maintain Required Records/Reports

Section XI.A of the General Permit requires all Dischargers to conduct visual observations at least once each month, and sampling observations at the same time sampling occurs at a discharge location.

Section XI.A.3 required all Dischargers to complete contemporaneous records of all visual observations. The records at a minimum must include the date, approximate time of the observation, the locations observed, the presence and probable source of any observed pollutants, the name of the person who conducted the observation, and any response actions and/or additional SWPPP revisions necessary to be taken in response to the visual observations.

Section XXI.H provides that Dischargers must produce copies of visual observation records to regulatory agencies upon request; and Section XXI.J.5 provides that Dischargers must retain either paper or electronic copies of visual observation records for at least five (5) years.

EDEN believes that between January 4, 2022 and the present, Castle & King has failed to conduct monthly and sampling visual observations pursuant to Section XI.A of the General Permit and to maintain contemporaneous written Visual Observation Reports confirming that visual observations were conducted.

2. Failure to Collect and Analyze the Required Number of Storm Water Samples

In addition, EDEN alleges that Castle & King has failed to provide the Regional Water Board with the minimum number of annual documented results of Facility run-off sampling as required under Sections XI.B.2 and XI.B.11.a of Order No. 2014-0057-DWQ, in violation of the General Permit and the CWA.

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Section XI.B.2 of the General Permit requires that all Dischargers collect and analyze storm water samples from two Qualifying Storm Events ("QSEs") within the first half of each reporting year (July 1 to December 31), and two (2) QSEs within the second half of each reporting year (January 1 to June 30).

Section XI.C.6.b provides that if samples are not collected pursuant to the General Permit, a proper and accurate explanation must be included in the Annual Report.

As of the date of this Notice, Castle & King has failed to upload into the SMARTS database system *any* storm water run-off sample analyses for the reporting years 2021-22; and failed to collect and analyze the required number of stormwater samples for the 2022-23 reporting year and has not provided an adequate explanation for its failure to do so.

3. Failure to Collect Storm Water Run-Off Samples during Qualified Storm Events

Pursuant to Section XI.B.1 of the General Permit, a Qualified Storm Event (QSE) is a precipitation event that both produces a discharge for at least one drainage area at the Facility and is also preceded by 48 hours with no discharge from any drainage area.

The General Permit defines "drainage area" as the "area of land that drains water, sediment, pollutants, and dissolved materials to a common discharge location." (Attachment C to General Permit-Glossary)

Castle & King's stormwater runoff sample(s) collected as listed below were not collected during Qualified Storm Events as defined by the General Permit:

Sample Date	QSE Info
2/24/2023	Not a valid QSE – Second consecutive day of
	rainfall

4. Failure to Deliver Storm Water Samples to a Laboratory within 48 Hours of Collection

Pursuant to Attachment H, Section 2 of the General Permit, Dischargers are to deliver storm water runoff samples to a qualified Laboratory within 48 hours of the date and time of physical sampling. Castle & King's storm water runoff samples listed below were not delivered to the Facility's Laboratory in that time frame:

Sample Date	Date/Time Laboratory Received Sample
12/9/2022/10:00am	12/16/2022 3:15pm

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5. Failure to Sample Correctly for the Parameter of pH

Pursuant to Section XI.C.2.a of the General Permit, the storm water sample "holding" time for pH analysis is 15 minutes. Castle & King's laboratory report(s) for sample(s) collected on the following dates evidence that the litmus test for the Facility's pH was not conducted within the required 15-minute holding time.

I	12/9/2022
ĺ	2/24/2023

6. Failure to Utilize the Correct Sampling Parameter Units in Analytical Report

Table 2, Section XI.B.11 of the General Permit requires that all storm water analytical reports indicate parameters levels in units of milligrams per liter ("mg/L").

Castle & King's storm water analytical reports for stormwater samples collected on December 9, 2022; and February 24, 2023, reported the Facility's parameter levels for Iron in units of micrograms per liter ("ug/L"), instead of milligrams per liter ("mg/L").

7. Failure to Upload Storm Water Sample Analyses within 30 Days

Section XI.B.11.a of the General Permit requires Dischargers to submit all sampling and analytical results for all individual or Qualified Combined Samples via SMARTS within 30 days of obtaining all results for each sampling event.

Castle & King failed to upload into SMARTS within 30 days the following sampling and analytical results pursuant to Section XI.B.11.a of the General Permit:

Sample Date	Lab Report Receipt Date	Date Uploaded into SMARTS
12/9/2022	12/29/2022	7/12/2023
2/24/2023	3/3/2023	7/12/2023

8. Failure to Collect Samples From Each Drainage Area at all Discharge Locations

Section XI.B.4 of the General Permit requires Dischargers to collect samples from all discharge locations, regardless of whether the discharges are substantially similar. Dischargers may analyze a combined sample consisting of equal volumes, collected from as many as four substantially similar discharge locations, provided that the Discharger submits a Representative Sampling Reduction Justification form with its sample analysis, and the samples are combined in the lab in accordance with Section XI.C.5 of the General Permit. Furthermore, Representative

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sampling is only allowed for sheet flow discharges or discharges from drainage areas with multiple discharge locations.

According to Castle & King's current SWPPP and Site Map, the Facility has two discharge locations, specified as DP-1 and DP-2. The storm water runoff sample analyses Castle & King uploaded for samples collected on the dates listed below failed to include samples from Outfall DP-2.

12/9/2022	
2/24/2023	

Furthermore, the Facility did not submit a Representative Sampling Reduction Justification form with any of its sample analyses.

9. Failure to Analyze Storm Water Samples for the Correct Parameters

General Permit sections XI.B.6.a and XI.B.6.b require all Dischargers to analyze for the following three parameters, regardless of facility type: pH, Total Suspended Solids (TSS) and Oil & Grease (O&G).

Section XI.B.6.d of the General Permit requires additional applicable parameters listed in Table 1 of the General Permit (Additional Analytical Parameters), which are related to the facility's Standard Industrial Classification (SIC) code(s). The Facility's secondary SIC Code is 1442, requiring it to include the following as mandatory sampling parameter of Nitrate+Nitrite (N+N).

Section XI.B.6.c of the General Permit requires Dischargers to analyze for any additional parameters identified by the Discharger on a facility-specific basis that serve as indicators of the presence of all industrial pollutants identified in the pollutant source assessment contained in the Facility's SWPPP.

EDEN's investigation confirms that the following additional parameters must be included in the Facility's sampling process, as they are associated with Castle & King's industrial operations: TPH-Diesel.

The storm water runoff sample analyses Castle & King uploaded for samples collected on the dates listed below failed to include additional sampling parameters as outlined above.

12/9/2022	
2/24/2023	

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C. False/Deficient Annual Reports Submitted to the Water Board

Section XXI.L of the General Permit provides as follows:

L. Certification

Any person signing, certifying, and submitting documents under Section XXI.K above shall make the following certification:

"I certify under penalty of law that this document and all Attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Castle & King has failed to comply with Sections XVI.A, XXI.L and XXI.N of the General Permit by submitting incomplete and false Annual Reports to the Regional Water Board for the reporting years 2021-22 and 2022-23.

Pursuant to Section XXI.N of the General Permit:

Clean Water Act section 309(c)(4) provides that any person that knowingly makes any false material statement, representation, or certification in any record or other document submitted or required to be maintained under this General Permit, including reports of compliance or noncompliance shall upon conviction, be punished by a fine of not more than \$10,000 or by imprisonment for not more than two years or by both.

The Annual Reports submitted included Attachment 1 as an explanation for why Castle & King failed to collect and analyze stormwater run-off during the required number of Qualifying Storm Events during the reporting years for all discharge locations, in accordance with Section XI.B.

Benjamin Button certified in both of the Reports, under penalty of perjury, that the required number of stormwater samples were not collected by the Facility because [allegedly] there were no qualifying storm water discharges occurring during the reporting years.

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However, EDEN's investigation confirms that this claim is objectively false. Furthermore, records from the National Oceanic and Atmospheric Administration (NOAA) website/database confirm that during the reporting years in question there were in fact sufficient Qualified Storm Events (QSEs) occurring near the Facility during or within 12 hours of the start of regular business hours to allow Castle & King to have collected the requisite number of samples.

Furthermore, Castle & King submitted its 2021-22 Annual Report late on October 5, 2022; and its 2022-23 Annual Report on July 12, 2022--a year before its due date. Thus, all certifications made by Mr. Button in the 2022-23 Annual Report are in fact false and in objective violation of Sections XVI.A, XXI.L and XXI.N of the General Permit.

D. Deficient BMP Implementation

Sections I.C, V.A and X.C.1.b of the General Permit require Dischargers to identify and implement minimum and advanced Best Management Practices ("BMPs") that comply with the Best Available Technology ("BAT") and Best Conventional Pollutant Control Technology ("BCT") requirements of the General Permit to reduce or prevent discharges of pollutants in their storm water discharge in a manner that reflects best industry practice, considering technological availability and economic practicability and achievability.

EDEN alleges that Castle & King has been conducting industrial activities at the site without adequate BMPs to prevent resulting non-storm water discharges. Non-storm water discharges resulting from these activities are not from sources that are listed among the authorized non-storm water discharges in the General Permit, and thus are always prohibited.

Castle & King's failure to develop and/or implement adequate BMPs and pollution controls to meet BAT and BCT at the Facility violates and will continue to violate the CWA and the Industrial General Permit each day the Facility discharges storm water without meeting BAT and BCT.

E. Discharges In Violation of the General Permit

Except as authorized by Special Conditions of the General Permit, Discharge Prohibition III(B) prohibits permittees from discharging materials other than storm water (non-storm water discharges) either directly or indirectly to waters of the United States. Unauthorized non-storm water discharges must be either eliminated or permitted by a separate NPDES permit.

Information available to EDEN indicates that unauthorized non-storm water discharges occur at the Facility due to inadequate BMP development and/or implementation necessary to prevent these discharges.

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EDEN alleges that the Discharger has discharged storm water containing excessive levels of pollutants from the Facility to its Receiving Waters during at least every significant local rain event over 0.1 inches in the last five (5) years.

EDEN hereby puts the Discharger on notice that each time the Facility discharges prohibited non-storm water in violation of Discharge Prohibition III.B of the General Permit is a separate and distinct violation of the General Permit and Section 301(a) of the Clean Water Act, 33 U.S.C. § 1311(a).

1. Discharges in Excess of Technology-Based Effluent Limitations

The Industrial General Permit includes technology-based effluent limitations, which prohibit the discharge of pollutants from the Facility in concentrations above the level commensurate with the application of best available technology economically achievable ("BAT") for toxic pollutants and best conventional pollutant control technology ("BCT") for conventional pollutants. (General Permit, Section X.H.)

The EPA has published Benchmark values set at the maximum pollutant concentration levels present if an industrial facility is employing BAT and BCT, as listed in Table 2 of the General Permit. The General Permit includes "Numeric Action Levels" ("NALs") derived from these Benchmark values; however, the NALs do not represent technology-based criteria relevant to determining whether an industrial facility has implemented BMPs that achieve BAT/BCT. (General Permit, Section I.M. (Finding 62)).

Castle & King's exceedances of Benchmark values identified in the table listed below, indicate that it has failed and is failing to employ measures that constitute BAT and BCT, in violation of the requirements of the Industrial General Permit. EDEN alleges and notifies Castle & King that its storm water discharges from the Facility have consistently contained and continue to contain levels of pollutants that exceed Benchmark values as listed below.

These allegations are based on the Facility's self-reported data submitted to the Regional Water Board. Self-monitoring reports under the Permit are deemed "conclusive evidence of an exceedance of a permit limitation." *Sierra Club v. Union Oil*, 813 F.2d 1480, 1492 (9th Cir. 1988).

Castle & King's ongoing discharges of storm water containing levels of pollutants above EPA Benchmark values and BAT- and BCT-based levels of control also demonstrate that it has not developed and implemented sufficient BMPs at the Facility. EPA Benchmarks are relevant to the inquiry as to whether a facility has implemented BMPs. [Cal. Sportfishing Prot. Alliance v. River City Waste Recyclers, LLC (E.D.Cal. 2016) 205 F.Supp.3d 1128; Baykeeper v. Kramer Metals, Inc. (C.D.Cal. 2009) 619 F.Supp.2d 914, 925; Waterkeepers Northern California v. AG Industrial Mfg. Inc. (9th Cir. 2004) 375 F.3d 913, 919 (concentration levels in excess of EPA

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benchmarks are evidence supporting the citizen plaintiff's contention that defendant did not have appropriate BMPs to achieve BAT/BCT).]

Castle & King's failure to develop and/or implement adequate BMPs and pollution controls to meet BAT and BCT at the Facility violates and will continue to violate the CWA and the Industrial General Permit each day the Facility discharges storm water without meeting BAT and BCT.

2. <u>Discharges in Excess of Receiving Water Limitations</u>

In addition to employing technology based effluent limitations, the Industrial General Permit requires dischargers to comply with Receiving Water Limitations. Receiving Water Limitations found in Section VI of the General Permit prohibit storm water discharges and authorized non-storm water discharges to surface water that adversely impact human health or the environment.

Discharges that contain pollutants in concentrations that exceed levels known to adversely impact aquatic species and the environment also constitute violations of the General Permit Receiving Water Limitation.

Applicable Water Quality Standards ("WQS") are set forth in the California Toxics Rule ("CTR") and the Regional Basin Plan. Exceedances of WQS are violations of the Industrial General Permit, the CTR, the Basin Plan, any parameter included as an impairment for the Facility's Receiving Waters on the 303(d) listing, and any parameters identified by the Regional Water Board as parameters assigned a total maximum daily load (TMDL).

Industrial storm water discharges must strictly comply with WQS, including those criteria listed in the applicable Basin Plan. (See *Defenders of Wildlife v. Browner*, 191 F.3d 1159, 1166-67 (9th Cir. 1999).)

The Basin Plan establishes WQS for the San Francisco Bay and its tributaries, including but not limited to the following:

- Waters shall not contain substances in concentrations that result in the deposition of material that cause nuisance or adversely affect beneficial uses.
- Waters shall not contain suspended material in concentrations that cause nuisance or adversely affect beneficial uses.
- Waters shall be free of changes in turbidity that cause nuisance or adversely affect beneficial uses.

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- All waters shall be maintained free of toxic substances in concentrations that are lethal to or that produce other detrimental responses in aquatic organisms.
- Surface waters shall not contain concentrations of chemical constituents in amounts that adversely affect any designated beneficial use.

Information available to EDEN indicates that the Facility's storm water discharges contain elevated concentrations of specific pollutants, as listed below. These polluted discharges can be acutely toxic and/or have sub-lethal impacts on the avian and aquatic wildlife in the Receiving Waters. Discharges of elevated concentrations of pollutants in the storm water from the Facility also adversely impact human health. These harmful discharges from the Facility are violations of the General Permit Receiving Water Limitation.

Further, EDEN puts Castle & King on notice that the Receiving Water Limitations are independent requirements that must be complied with, and that carrying out the process triggered by exceedances of the NALs listed at Table 2 of the General Permit does not amount to compliance with the Receiving Water Limitations. The NALs do not represent water quality-based criteria relevant to determining whether an industrial facility has caused or contributed to an exceedance of a WQS, or whether it is causing adverse impacts to human health or the environment.

Section XX.B of the General Permit provides that when a facility's industrial storm water discharges and/or authorized NSWDs are determined to contain pollutants that are in violation of Receiving Water Limitations contained in Section VI, the Discharger must conduct a facility evaluation to identify pollutant source(s) within the facility that are associated with industrial activity and whether the BMPs described in the SWPPP have been properly implemented, assess its current SWPPP, and certify via SMARTS any additional BMPs identified which are necessary in order to meet the Receiving Water Limitations.

EDEN alleges that from at least December 9, 2022, to the present, Castle & King has been in violation of the Receiving Water Limitations provision of Section VI of the General Permit, as evidenced by its exceedances of the applicable Water Quality Standards set forth in the Regional Basin Plan, indicated below.

Specifically, Castle & King's sample analyses summarized below violate the strict numeric effluent limitations (NELs) established for the Sacramento River.

Further, Castle & King has failed to comply with Section XX.B of the General Permit. Failure to comply with the additional Water Quality-Based Corrective Action requirements listed in Section XX.B is an additional violation of the General Permit.

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The following discharges of pollutants from the Facility have violated Discharge Prohibitions of the General Permit and are evidence of ongoing violations of Effluent Limitations:

Sample Collection Date	Outfall	Parameter	Sample Analysis Result*		
Reporting Year 2022-23					
12/9/2022	DP-1 Yard	Iron	16		
		Oil & Grease	114		
		TSS	134		
		рН	8.51		
2/24/2023	DP-1 Drain	Iron	19		

^{*}All units are listed in milligrams per liter (mg/L), except pH, which is listed in pH units (SU)

Listed below are the EPA Benchmark numeric action levels associated with the parameters, as identified on *Table 2 of the General Permit*, as well as the Maximum Contaminant Levels (MCLs) listed in the *California Code of Regulations, Title 22, Section 64431* (Table 64431-A) and the Water Quality Control Plan (*Basin Plan*) for the *California Regional Water Quality Control Board, Central Valley Regional, Fifth Edition* (Revised May 2018), Basin Plan Table 3-1, Trace Element Water Quality Objectives.

Parameter	EPA Benchmark Annual NAL	EPA Benchmark NAL instantaneous Value	CV BASIN PLAN Table 3-1 MCL value	CCR Title 22 Section 64431
pН	N/A	>6 or <9 SU	>6.5 or >8.5	N/A
Total Suspended Solids (TSS)	100 mg/L	400 mg/L	N/A	N/A
Oil & Grease	15 mg/L	25 mg/L	N/A	N/A
Zinc	.26 mg/L	N/A	.10 mg/L	N/A
Copper	.0332 mg/L	N/A	.0056 mg/L	N/A

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Parameter	EPA Benchmark Annual NAL	EPA Benchmark NAL instantaneous Value	CV BASIN PLAN Table 3-1 MCL value	CCR Title 22 Section 64431
Lead	.262 mg/L	N/A	N/A	.05 mg/L
Chemical Oxygen Demand (COD)	120 mg/L	N/A	N/A	N/A
Biochemical Oxygen Demand (BOD)	30 mg/L	N/A	N/A	N/A
Aluminum	.75 mg/L	N/A	N/A	1.0 mg/L
Iron	1.0 mg/L	N/A	.30 mg/L	N/A
Nitrate + Nitrate Nitrogen	.68 mg/L	N/A	N/A	45 mg/L
Phosphorus	2.0 mg/L	N/A	N/A	N/A
Ammonia	2.14 mg/L	N/A	N/A	N/A
Magnesium	.064 mg/L	N/A	N/A	N/A
Arsenic	.064 mg/L	N/A	N/A	N/A
Cadmium	.0053 mg/L	N/A	.00022 mg/L	.01 mg/L9i
Nickel	1.02 mg/L	N/A	N/A	N/A
Mercury	.0014 mg/L	N/A	N/A	N/A
Selenium	.005 mg/L	N/A	N/A	N/A
Silver	.0183 mg/L	N/A	.01 mg/L	.05 mg/L

F. Failure to Properly Train Employees/Facility Pollution Prevention Team

Section X.D.1 of the General Permit requires each Facility to establish a Pollution Prevention Team responsible for assisting with the implementation of the requirements of the General Permit. The Facility is also required to identify alternate team members to implement the SWPPP and conduct required monitoring when the regularly assigned Pollution Prevention Team members are temporarily unavailable (due to vacation, illness, out of town business, or other absences).

Section X.H.f of the General Permit also requires that each Facility ensure that all Pollution Prevention Team members implementing the various compliance activities of the General Permit are properly trained in at least the following minimum requirements: BMP implementation, BMP effectiveness evaluations, visual observations, and monitoring activities. Further, if a Facility enters Level 1 status, appropriate team members must be trained by a QISP.

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Based on the foregoing violations, it is clear that Castle & King has either not properly established its Pollution Prevention Team, or has not adequately trained its Pollution Prevention Team, in violation of Sections X.D.1 and X.H.f of the General Permit.

Castle & King may have had other violations that can only be fully identified and documented once discovery and investigation have been completed. Hence, to the extent possible, EDEN includes such violations in this Notice and reserves the right to amend this Notice, if necessary, to include such further violations in future legal proceedings.

IV. THE PERSON OR PERSONS RESPONSIBLE FOR THE VIOLATIONS

The individuals and entities responsible for the alleged violations are Castle & King Rock & Ready Mix, Inc, as well as the respective corporate officers and employees of the Facility responsible for compliance with the CWA.

V. THE DATE, DATES, OR REASONABLE RANGE OF DATES OF THE VIOLATIONS

The range of dates covered by this 60-day Notice is January 4, 2022, to the date of this Notice. EDEN may from time to time update this Notice to include all violations which may occur after the range of dates covered by this Notice. Some of the violations are continuous in nature; therefore, each day constitutes a violation.

VI. CONTACT INFORMATION

The entity giving this 60-day Notice is:

Central Valley EDEN ENVIRONMENTAL DEFENDERS, LLC 1520 E. Covell Blvd, Suite B5 Davis, CA 95616 (800) 545-7215

To ensure an expedited response to this Notice, please send all initial communications to the following email address: responses@edendefenders.org.

VII. RELIEF SOUGHT FOR VIOLATIONS OF THE CLEAN WATER ACT

CWA §§ 505(a)(1) and 505(f) provide for citizen enforcement actions against any "person," including individuals, corporations, or partnerships, for violations of NPDES permit

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requirements and for un-permitted discharges of pollutants. 33 U.S.C. §§ 1365(a)(1) and (f), §1362(5).

Pursuant to Section 309(d) of the Clean Water Act, 33 U.S.C. § 1319(d), and the Adjustment of Civil Monetary Penalties for Inflation, 40 C.F.R. § 19.4, each separate violation of the Clean Water Act subjects the violator to a penalty for all violations occurring during the period commencing five (5) years prior to the date of the Notice Letter. **These provisions of law currently authorize civil penalties of** §56,460.00 per day, for each violation occurring on or after November 2, 2015.

In addition to civil penalties, EDEN will seek injunctive relief preventing further violations of the Clean Water Act pursuant to Sections 505(a) and (d), 33 U.S.C. § 1365(a) and (d), declaratory relief, and such other relief as permitted by law.

Lastly, pursuant to 33 U.S.C. § 1365(d), EDEN will seek to recover its pre and post-litigation costs, including all attorneys' and experts' fees and costs incurred in this matter.

VIII. CONCLUSION

The CWA specifically provides a 60-day notice period to promote resolution of disputes. EDEN encourages Castle & King's counsel to contact EDEN within 20 days of receipt of this Notice by sending an email to responses@edendefenders.org to initiate a discussion regarding the violations detailed herein and to determine how Castle & King may resolve this matter without the necessity of litigation.

During the 60-day notice period, EDEN is willing to discuss effective remedies for the violations; however, if Castle & King wishes to pursue such discussions in the absence of litigation, it is suggested those discussions be initiated soon so that they may be completed before the end of the 60-day notice period.

If EDEN does not receive a response from Castle & King's counsel before the expiration of the 60-day notice period, this matter will be transferred to EDEN's litigation counsel. Thank you.

Sincerely,

EDEN Environmental Defenders

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Copies to:

Michael Regan, Director, U.S. Environmental Protection Agency, <u>regan.michael@epa.gov</u> Regional Administrator, U.S. EPA – Region 9

Sarah Rowan: rowan.sarah@epa.gov and Laurie Kermish: kermish.laurie@epa.gov Eileen Sobeck, State Water Resources Control Board, eileen.sobeck@waterboards.ca.gov

Mayumi Okamoto, State Water Board Office of Enforcement: Mayumi.Okamoto@waterboards.ca.gov

California Water Boards Stormwater Program, stormwater@waterboards.ca.gov